



CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

<b>Client</b>	USACE New Bedford Office	<b>Date</b>	January 25, 2017	
<b>Project</b>	New Bedford Harbor Superfund Site	<b>Project No.</b>	35BG1001	
<b>Prepared By</b>	Steve Sills	<b>Note No.</b>	614	
<b>Subject</b>	New Bedford Harbor - Client Update Meeting			
<b>Participants</b>	(* Denotes Part Time Participation)	<b>Distribution (attendees plus)</b>	<b>See below</b>	
<b><u>Client</u></b>	<b><u>EPA</u></b>	<b><u>MassDEP</u></b>	<b><u>Jacobs</u></b>	<b><u>Battelle</u></b>
Tim Rezendes	Dave Dickerson	Garry Waldeck	Anita Rigassio Smith	Jessica Tenzar
Peter Hugh	Abdul Tahir		Mark Gouveia	Deirdre Dahlen
Marie Esten		<u>Sevenson</u>	Steve Fox	Patty White
Kevin Coleman		Joe Mahoney	Beth Anderson	
Ellen Iorio				
Bob Christie				
Nate Mangelson				

### SAFETY/SITE MAINTENANCE

Safety Alert	Notes
	Excavating north side of PMC where PCB concentrations are higher in sediment. Therefore, particulate monitoring will be conducted in areas of PCB concentrations greater than 500 ppm.
	The site is muddy and with the freeze and thaw cycle, folks were cautioned of tripping hazards.
	Equipment is moving around site, be cognizant of area when you are moving around.
<b>Site Maintenance</b>	All of the water is shut off to the hydrants and the decon trailer – contact Mark if you need water turned on for any reason.

Distribution: Participants; **Jacobs**: Document Control File, Beth Anderson, Mike Anderson, Jon Blount, Jackie Connor, Josh Cummings, Lonnie Fallin, Steve Fox, Ken Gaynor, Mark Gouveia, Al Hardesty, Debra Hickman, Alison Hutchinson, Will Kenyon, Mike Morris, Jim Piccuito, Steven Sills, Anita Rigassio Smith, Shane Taylor, Ann Webb, Poinciana Willis, Mary Wright; **Sevenson**: Mike Crystal, Joe Mahoney **USACE**: Tim Rezendes, Kevin Coleman, Bob Christie, Jay Mackay, Marcos Paiva, Ellen Iorio, Sheila Winston-Vincilla, Peter Hugh, Steve Wolf, Marie Esten, Nate Mangelson; **EPA**: Cynthia Catri, David Peterson, Dave Lederer, Barb Bergen, Dave Dickerson, Hoshiaah Barczynski; **MADEP**: Paul Craffey, Garry Waldeck; **Battelle**: Deirdre Dahlen, Jessica Tenzar, Patricia White, John Lally; **KOMEN**: Debi Helms; **Lally Consulting**: John Lally  
ACE-J23-35BG1001-P4-0104

### JACOBS FIELDWORK DMUs/CAD CELL (Current 1/18/17)

MU	Design Volume	Dredged to Date (CY)	1st pass	2nd pass	Verification Sampling	Verification Sampling Results	Confirmation Sampling	Confirmation Sampling Results	Progress Bathing Survey	Final Bathing Survey	Date Area Cleared	Notes
MU-28	13,027	4,694	1/24/2017						1/24/17 and 1/26/17			Divided into three areas, lower third cleared South to North per EPA (D. Lederer). USACE to follow up with EPA on change.
A33 & 33A	4,786	4,416	7/1/2016	7/19/2016	11/17/16 (2nd round)	Complete	Complete (first round, second round)	Second round 1/6/17 (updated CDA mean = 9.3 mg/kg)			N	Waiting for validation of three intervals – all <50ppm
A34			10/31/2016	11/3/2016	11/17/2016, 12/6/16 (2nd round), 1/16/2017 (3rd round)	Complete preliminary IA posted 1/5/17 (2nd round) and 1/17/2017 (3rd round)	11/17/16, 12/6/16 (2nd round), 1/16/2017 (3rd round)	1/5/17 (1st and 2nd round, pre-validated; CDA mean = 19.8 mg/kg)				Heart of Darkness area
37C												Need to move moorings
37D												Perform with 37C
A36, B36	7,860 (subtidal)	4,965 (subtidal)	12/15/16		12/28/16 (A36, 1st round), 1/16/2017 (A36, 2nd round), 1/19/2017 (A36-09, 3rd round)	1/5/2017 (1st round, preliminary), 1/17/2017 (2nd round, preliminary), 1/20/2017 (A36-09, preliminary)	12/28/16 (A36, 1st round), 1/16/2017 (A36, 2nd round)		1/17/17			Moby Dick
CAD Cell									Week of			Track Progress



CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

MU	Design Volume	Dredged to Date (CY)	1st pass	2nd pass	Verification Sampling	Verification Sampling Results	Confirmation Sampling	Confirmation Sampling Results	Progress Bathy Survey	Final Bathy Survey	Date Area Cleared	Notes
									10/31			Survey date

### OTHER FIELDWORK

Action	Date	Notes
CAD Cell Curtain Inspections	Ongoing	Curtain will be replaced by FFP Contractor at start of contract. Also, EPA (Dave L and Hoshiaiah B.) will coordinate with Jacobs, (Mark G.), for a site visit to inspect the silt curtains in the Lower Harbor CAD cell.
PMC shoreline excavation	Ongoing	PMC excavation activities continue along the southern shoreline adjacent to Area C.
Aerovox 21e Project	Ongoing	According to Jacobs (Josh), the excavation and back filling activities have been put on hold.
Dredging at Moby Dick Marina and A34 (Heart of Darkness) in Lower Harbor	Ongoing	On Monday, (1/16), SES completed all of the Lower Harbor dredging activities.
Upper Harbor Dredging	1/16/17	Dredging initiated on Monday, (1/16).
OU III Cap Sampling and Bathymetry	1/19/17 (sediment sampling completed)	Completed 1/19/17, samples in progress, data in 2 weeks (tentative 2/6/17). Bathymetric survey to be conducted either late this week, early next week (week of 11/30).
Inventory of site monitoring wells		All six wells need locks. Two wells need caps.

### SAMPLING AND ANALYSIS

Event	Samples Collection	Analytical Testing	Unvalidated Results	Validated results	Notes
Water Quality Monitoring (Lower and Upper Harbor)	PMC and MU28	in situ turbidity only	N/A	N/A	Boat-based WQM will be conducted in the Upper Harbor (PMC and MU28) on Wednesday 1/25/2017; WQM not scheduled this week for the Lower Harbor. Per USACE, (Marie), Lower Harbor will not be monitored during CAD cell placement.
LH MU33	11/17-18/2016	IA and Congener	1/6/2017		LH02, LH07, LH11 (from re-dredge areas); validation of PCB congener data scheduled to be complete 1/31/2017.
Near shore CDA Confirmatory Sampling	A-34, B-35, C-35	PCB Congener	1/5/2017		Validation of PCB congener data scheduled to be complete 1/31/2017.



CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

Event	Samples Collection	Analytical Testing	Unvalidated Results	Validated results	Notes
Near shore CDA Confirmatory Sampling	1/16/2017 (A-34)	IA Congener	1/17/2017 Est. 2/10		PCB congener analysis of A34-04 and A34-06 (collected 1/16/2017) in progress; pre-validated data. Resample of two areas, results should be available in 2/13/2017.
Pierce Mill Cove Verification/Confirmatory Sampling	12/14-15, 12/21 and 12/27/2016	IA	1/4/2017	N	Sidewall samples from 5 locations scheduled to be collected today (1/15/17) along southwest shore today (1/25/2017).
Moby Dick Verification/Confirmatory Sampling	12/28/2016 1/16/2017	IA IA	1/6/2017 1/17/2017		PCB congener analysis of confirmatory samples in progress; pre-validated data should. Results will be available on 2/13/2017.
OU-3 Pilot Cap Sediment Sampling	1/19/2017	NOAA 18			PCB analysis in progress; pre-validated data should be available 2/6/2017.

### MEETINGS/OTHER ACTIVITIES

Action	Date	Notes
Aerovox 21e Project – Phase III RAP	Ongoing	EPA awaiting responses to comments submitted to MassDEP on the Phase III Remedial Action Plan and the IRA status report #7 on 9/19. MassDEP is generating a draft dispute letter for distribution to AVX, which has been forwarded to USACE (Steve Wolf) for review). EPA will also forward the draft letter to MassDEP (Garry Waldeck).
City of New Bedford Update	Ongoing	Final Pierce Mill Cove Plans will be provided to CoNB (Michelle). Hard copy and cd to CoNB. EPA (Dave D) discussed peninsula concept discussed with CoNB, concept disapproved.
Super JTI	Ongoing	In November, 2016, Jacobs (Steve F.) provided table presenting potential positions to EPA (Dave L.). Dave has submitted to EPA JTI Lead and has been in contact with headquarters. In addition, Dave has been talking with the DPW for potential positions for Super JTI.
Cleanup Strategy Meeting	1/31/17	The meeting will be held at the New Bedford field office at 10:00. Agenda will be sent to EPA (Dave L) for any comments.
Cleanup Strategy Meeting	2/16/17	The meeting will be held at the New Bedford field office at 9:00. Agenda will be sent to EPA (Dave L) for any comments.
NB Rail service operational	Ongoing	Mark spoke with Kevin Franklin and there is no update at this time.
Fence at Parcel 265	Ongoing	City needs to walk the site and let Jacobs know whether they want the fence put back and where. Jacobs (Mark) to follow up with CoNB.





CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

### DELIVERABLES

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
B1	Intertidal Phase 2 Study Report	Battelle	10/12/16 (Final – 1/20/16)	1/20/17	Dickerson, Lederer	Phase 2 report will be finalized after letters to property owners are finished to ensure consistency. Dave L will review Ginny's comments and inform Battelle if he intends to respond.
B2	Water Quality Monitoring FSP	Battelle	9/29/2016	1/20/17	Stanley (1/18)	Awaiting comments.
B3	2016/2017 Field Season QAPP	Battelle	9/29/2016 (Draft)  Early Feb (Draft Final)	1/20/17	Stanley (1/18)	Comments received from USACE (10/18/16) and (1/18/17). Revisions in progress and Draft Final should be available in early February.
B4	Cliftex Field/Data Report	Battelle	11/23/2016 (Draft)  Early Feb (Final)	1/6/17	Lewis, Stanley (1/18)	Comments were received from USACE (12/14/16) and EPA (1/18/17). Revisions in progress and Final should be available in early February.
B5	2016 Groundwater Monitoring Tech Memo	Battelle	Week of 12/5 (Draft)	1/20/2017	Lewis, Stanley	Comments received from USACE (1/9/17) and EPA comments expected later today.
B6	Station map showing proposed MU28 verification/confirmatory sampling locations	Battelle	1/16/2016			FSP Addendum will be prepared after identification of other MUs to include in the



CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
						CDA.
B7	Addendum #3 to the Lower Harbor Sediment FSP, OU3 Cap Monitoring	Battelle	1/17/2017 (Draft) 1/31/2017 (Draft Final)	1/18/2018	Lewis, Esten, Stanley (1/18)	Received USACE and EPA comments on 1/18/2017. Preliminary responses provided by email on 1/18/2017, and sampling proceeded as scheduled on 1/19/2017. Draft Final to be summited week of 1/30/17.
J1	<del>Aerovox Nearshore Data Gap Boring Report (Internal review)</del>	Jacobs	1/20/17		Dickerson, USACE PDT	Document to be sent today, (1/25/17).
J2	Update Aerovox Cost Estimate/Alternatives (current scope)	Jacobs	12/23/16	1/13/2017	Stanley, USACE PDT	EPA (Dave D) to send email on issue. No excavation will occur until state remedy is in place. A temporary cap may be warranted.
J3	Final Pierce Mill Cove Remediation Plan and MOR on RCL comments. <i>done</i>	Jacobs	1/31/17		Rezendes, Dickerson, Penko, Esten, Waldeck	Fourth set of Responses received. Draft Final will be prepared for submittal by 1/31/17.
J4	Pierce Mill Cove Restoration Plan RCL <i>da</i>	Jacobs	12/28/16	1/18	Rezendes, Penko, Dickerson, Waldeck	Comments from Dickerson, Craffey, and Penko received on RCL. MOR to be issues on 2/8/17.
J5	Between the Bridges	Jacobs	TBD		Iorio, Rezendes, Lederer, Lally, Esten	Identify what material can be reached by land and water.



CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
J6	RCL for Upper Harbor Dredge Plan for LHCC	Jacobs	1/24/17	2/1/17	Iorio, Rezendes, Lederer, Lally, Esten, Waldeck	Document sent 1/24/17.
J7	Parcel 265 After Action Report, RCL	Jacobs	2/7/2017			Preparing an RCL to address EPA (Ginny) comments.
J8	2015 Data Summary Report (DSR) RCL	Jacobs	2/7/2017			RCL to be issued by 2/1/17.
J9	Existing Debris Map for City of NB	Jacobs				Will be completed after debris operations are complete.
J10	2014/2015 Ambient Air Report RCLs	Jacobs	TBD		Lewis, Lederer, AECOM	Working on RCL, received comments on PETS Curves. Focus of report is now data deliverable. Need firm date from Jacobs. (Mike) to submit RCL.
J11	Selection of method for Ambient Air Analysis going forward between high resolution and low resolution Homolog analysis. By 1/24, Battelle will spike three PUF samples with PCB concentrations of 5, 25, and 125 ng/m <sup>3</sup> for analysis by both high resolution and low resolution homolog analysis, respectively.	Jacobs			Lewis, Lederer	Battelle will provide Jacobs with the spiked samples on 1/24 for analysis with the Upper Harbor ambient air samples. Samples are being collected today (1/25/17) and tomorrow (1/26/17). Documentation will be presented as a white paper. USACE (Ellen) to check with EPA (D Dickerson) on objectives for white paper.
J12	Dive plan for pipe relocation	Jacobs	1/13/17			USACE review and



CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
						approval needed then need to schedule work. Jacobs will provide Tim R with link to document. USACE (Ellen) to check on status of plan.
J13	Comprehensive Plan Milestones	Jacobs	----	---	---	Being developed.
J13a	Present SWAC Refinement, Design Assumptions, Initial Cost Estimates: Intertidal, Subtidal, Aerovox and Cell 1	Jacobs	1/13/17			Agencies to provide guidance on design and alternative technologies.
J13b	Refine Design Assumptions, Updated Cost Estimates, sequencing of work	Jacobs	1/31/17			Agencies to provide guidance on design and alternative technologies.
J13c	Refine Design Assumptions, Updated Cost Estimates, sequencing of work	Jacobs	2/15/16			Agencies to approve design, costs, and sequencing.
J14	Phase II Archeological Investigation Summary Report Delivery dates	Jacobs/CR/PAL	Interim Memorandum (2/1/17) Draft Arch. Report (late Feb/early March 2017) Final Arch. Report (30 days after receipt of agency comments)			
J15	David Robinson complete a Memorandum on shipwreck geophysical investigation/probing conducted by CR in December 2016	Jacobs/CR	1/31/17			Draft to Jacobs today (1/25/17)
U1	CAD Cell Slope Monitoring and Consolidation	USACE	Ongoing	NA	Rezendes	Continue as bathymetric surveys





CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
						are completed. Bathymetric scheduled for week of 1/30 for CADD Cell.
E1	Fate and Transport Model	ERDC	TBD		Iorio, USACE PDT, Bergen, Stanley	USACE (Ellen) will forward new schedule from Earl. USACE (Ellen) to provide rev Schedule.
N1	Coggeshall CSO As-builts	City of NB	TBD			Work remains for Spring 2017. As builts will be provided after work is complete. Pending on results from City.

### AIR MONITORING

Event	Samples Collection	Unvalidated Results	Validated results	Notes
Nov Ambient Air Sampling	11/7 and 11/8 (Lower Harbor), 11/10 and 11/11 (PMC)	Y	1/20/17	The PMC sampling was pre-excavation and Jacobs distributed high resolution results on 1/3. Validate results are pending.
Dec Ambient Air Sampling	12/1 and 12/2 (PMC), 12/6 and 12/7 (Lower Harbor)	High Res (1/20)	N	The initial PMC sampling round consisted of both low resolution and high resolution homolog ambient air sampling methods at four (4) locations. Jacobs received and distributed low resolution data. Low res data will be available this week, (week of 1/23/17).
Jan Ambient Air Sampling	1/10 and 1/11 (PMC), Upper Harbor (1/25 and 1/26)	Low Res (1/25)	N	The PMC sampling event included both low and high resolution homolog ambient air sampling methods at four (4) locations. According to USACE (Ellen), the goal is to transition to low resolution method.
July/Aug Area C VOC sampling (Summa)				Per EPA (Elaine) request, this sampling event will be conducted at Area C in the area surrounding Cell #1.



CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

### RIGHT OF ENTRY/PUBLIC RELEASE FORMS

Parcel or Name of Owner	Right of Entry Need Date	Task	Notes
17-1 and 17-3/Mike Panagakos	Before dredging of BtB	Subtidal/Intertidal	EPA (Lederer) provided a tentative schedule for mid-2017 through 2018 remediation. Waiting for signed ROE – Dave L. continuing efforts to reach owner.
Robichaud		Archeology	EPA (Stanley) will distribute.

Hoshaiah

Cemetery  
Miguel



CALL IN NUMBER:  
PARTICIPANT CODE:

(b) (5), (b) (6)

## Project Notes

103 Sawyer Street  
New Bedford, MA 02746  
508-996-5462  
508-996-6742  
www.jacobs.com

### CONTRACT ACTIONS

Contract	Date	Notes
TERC TO# 1, 6, 7, 8 Incentive Fees	January 2017	Final action is with Contracting. USACE (Ellen) to check with USACE Contracts (Jessica Loc) on incentive fees. Information pending discussion, possibly available by 1/27/17.
TERC TO#1, 6, 8 Closeout	TBD, 2017	Final action is with Contracting.
TERC TO#7 POP extension	1/17/2017	POP awarded by USACE Contracting.
Bathymetric Survey Contract for FFP Contract	1/31/17	Proposals due 1/31/17, Award 03/08/17.
Site Visit for FFP Contract	TBD	Approx 2-3 weeks after RFP is issued.
Battelle modification	TBD	Include scope to evaluate monitoring well network; EPA (Elaine) yes to OU3 cap and no to NWS monitoring in 2017.
RAC Task Order	2/15/2017	Need to award by 2/15/17. Contracting has proposal. Possible negotiations week of 1/30/17.

